

Title (en)

SERVICE PROVIDING METHOD AND SYSTEM, AND REMOTE ACCELERATION GATEWAY

Title (de)

DIENTLEISTUNGSVERFAHREN UND -SYSTEM SOWIE FERNBESCHLEUNIGUNGSGATEWAY

Title (fr)

PROCÉDÉ ET SYSTÈME DE FOURNITURE DE SERVICE, ET PASSERELLE D'ACCÉLÉRATION À DISTANCE

Publication

EP 4033702 A4 20221116 (EN)

Application

EP 20877517 A 20201015

Priority

- CN 201910979758 A 20191015
- CN 2020121034 W 20201015

Abstract (en)

[origin: EP4033702A1] This application discloses a business service providing method, and relates to the field of communications technologies. The method includes: A border gateway receives a first overlay packet sent by a remote acceleration gateway, where a first service request packet is encapsulated in the first overlay packet, a source Internet Protocol IP address of the first service request packet is an IP address of a client, and a destination IP address is a public IP address associated with a virtual machine; the border gateway decapsulates the first overlay packet to obtain the first service request packet, encapsulates the first service request packet to generate a second overlay packet, and sends the second overlay packet to a virtual forwarding device; and the virtual forwarding device decapsulates the second overlay packet to obtain the first service request packet, and sends the first service request packet to the virtual machine. This application implements transparent transmission of a source address of a service request packet.

IPC 8 full level

H04L 12/46 (2006.01); **H04L 12/66** (2006.01); **H04L 61/00** (2022.01)

CPC (source: EP US)

G06F 9/45558 (2013.01 - EP US); **H04L 12/4633** (2013.01 - EP); **H04L 12/66** (2013.01 - US); **H04L 45/74** (2013.01 - EP); **H04L 61/2514** (2013.01 - EP US); **H04L 61/2592** (2013.01 - EP); **G06F 2009/45595** (2013.01 - EP US); **H04L 2212/00** (2013.01 - US)

Citation (search report)

- [XA] US 2016087940 A1 20160324 - MILLER KEVIN CHRISTOPHER [US], et al
- [A] US 2018316769 A1 20181101 - AKERS KYLE TAILOR [US], et al
- [E] WO 2021073565 A1 20210422 - HUAWEI TECH CO LTD [CN]
- See references of WO 2021073555A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4033702 A1 20220727; **EP 4033702 A4 20221116**; CN 112671938 A 20210416; CN 112671938 B 20230620; US 2022239629 A1 20220728; WO 2021073555 A1 20210422

DOCDB simple family (application)

EP 20877517 A 20201015; CN 201910979758 A 20191015; CN 2020121034 W 20201015; US 202217718473 A 20220412